O.S.&M. File No. __198006US2PCT__   By _MJS/dpp   FF_

Serial No. _09/623,519_   Due Date _None_

In the Matter of the Application of _Masakazu YAMAMOTO, et al._

For _DIAGNOSING SYSTEM FOR FLUID MACHINERY_

The following has been received in the U.S. Patent Office on the date stamped hereon:

[ ] ____ pps. Specification & ____ Claims (English Translation)

[ ] Combined Declaration, Petition & Power of Attorney (__ pages)

[ ] Submission of Declaration under 37 CFR 1.494 5

[➤➤] **Preliminary Amendment**

[ ] Rule 60 Application;   [ ] Rule 62 Application

[ ] Notice of Priority;   [ ] Priority Doc. ( )

[➤➤] **Check for $ _944.00_ ; [➤➤] Dep. Acct. Order Form**

[ ] Assignment _____ pages/PTO-1595

[ ] Letter Requesting Approval of Drawing Changes

[ ] Drawings ___ sheets

[ ] Amendment

[ ] Information Disclosure Statement;   [ ] PTO-1449

[ ] Cited References ( )

[ ] _____ Search Report

[ ] Statement of Relevancy

Rec'd PCT/PTO 04 JUN 2001

Date Received _____

MAR 0 6 2007

DOCKET NO. 198006US●PCT

IN RE APPLICATION OF: Masakazu YAMAMOTO, et al.

SERIAL NO.:   09/623,519

FILED: 06 November 2000

FOR: DIAGNOSING SYSTEM FOR FLUID MACHINERY

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

Sir:

Transmitted herewith is an amendment in the above-identified application.

☐   No additional fee is required.

☐   Small entity status of this application under 37 C.F.R. §1.9 and §1.27 has been established by a verified statement previously submitted.

☐   Small entity status of this application under 37 C.F.R. §1.9 and §1.27 has been established by a verified statement submitted herewith.

☒   Additional documents filed herewith: Second Preliminary Amendment

The fee has been calculated as shown below.

(Col. 1)		(Col. 2)	(Col. 3)	SMALL ENTITY		OTHER THAN A SMALL ENTITY	
CLAIMS REMAINING AFTER		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE
TOTAL * 42	MINUS	** 34	= 8	X9 =	$	X18 =	$ 144.00
INDEP * 18	MINUS	*** 10	= 8	X40 =	$	X80 =	$ 800.00
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				+135=	$	+270=	$
				TOTAL	$	TOTAL	$ 944.00

XX   A check in the amount of $ 944.00 is attached.

XX   Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

XX   If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

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*If the entry in Column 2 is less than the entry in Column 1 write "0" in Column 3.
**If the "Highest Number Previously paid for" IN THIS SPACE is less than 20 write "20" in this space.
***If the "Highest Number Previously paid for" IN THIS SPACE is less than 3 write "3" in this space.   7/93

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF: :

MASAKAZU YAMAMOTO ET AL   : GROUP ART UNIT: 2857

SERIAL NO: 09/623,519   :

FILED: NOVEMBER 6, 2000   :

FOR: DIAGNOSING SYSTEM FOR   :
      FLUID MACHINERY

SECOND PRELIMINARY AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C.   20231

SIR:

Prior to a first examination on the merits, please amend the above-identified

application as follows:

IN THE SPECIFICATION

Please amend the specification as shown in the marked-up copy to read as follows:

Page 55, replace the paragraph at lines 8-14 with the following paragraph:

The calculating means establishes a rotational speed ratio for these points. If the

rotational speed ratio is 0.95, for example, then q_1 is shifted to $q_1 \times 0.95$ and h_1 is shifted to h_1

$\times 0.95^2$. This generates the points $(0.95q_1, 0.95^2h_1)$, $(0.95q_2, 0.95^2h_2)$, ... The curve α_7 is the

line connecting these points. This process is repeated for rotational speed ratios of 0.90, 0.85,

0.80, ... to form curves α_6-α_1.